



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention	PROCESS FOR THE SYNTHESIS OF BISPHENOL						
Application Number:	10/612101						
Confirmation Number:	3430						
First Named Applicant:	Brian Carvill						
Attorney Docket Number:	128553-1						
Search string:	(6620939 or 3198847 or 3431082 or 3489208 or 3535879 or 3655739 or 5545764 or 6229037 or 6534686 or 2607776 or 2667489 or 2775620 or 3037052 or 3049568 or 3153001 or 3172916 or 3242219 or 3367979 or 3394089 or 3634341 or 3651080 or 3760006 or 4051079 or 4053522 or 4036974 or 4045379 or 4059705 or 4122048 or 4123542 or 4126618 or 4177350 or 4191843 or 4239919 or 4308404 or 4308405 or 4315023 or 4346247 or 4365099 or 4369293 or 4391997 or 4396728 or 4400555 or 4419495 or 4423252 or 4424283 or 4478956 or 4496667 or 4535084 or 4549900 or 4579857 or 4579862 or 4584383 or 4584416 or 4590303 or 4595704 or 4675458 or 4753947 or 4758573 or 4789745 or 4820740 or 4822923 or 4825010 or 4847432 or 4859803 or 4895905 or 4912263 or 4918245 or 4931594 or 5021521 or 5036073 or 5073575 or 5075511 or 5100460 or 5141966 or 5175167 or 5212206 or 5233096 or 5284981 or 5296609 or 5304688 or 5315042 or 5395857 or 5414152 or 5463140 or 5436344 or 5475154 or 5589517 or 5629456 or 5608071 or 5631338 or 5698600 or 5700943 or 5723691 or 5756781 or 5723689 or 5759942 or 5777180 or 5783733 or 5785823 or 5783733 or 20030153792 or 20030088130).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6620939	2003-09-16	Webb, et al.			

2	3198847	1965-08-03	Lanning
3	3431082	1969-03-04	Sellin
4	3489208	1970-01-13	Manteufel
5	3535879	1970-10-27	Kuntz
6	3655739	1972-04-11	Clasen
7	5545764	1996-08-13	Berg, et al.
8	6229037	2001-05-08	Okubo, et al.
9	6534686	2003-03-18	Webb, et al.
10	2607776	1952-08-19	Vinton
11	2667489	1954-01-26	Fincke
12	2775620	1956-12-25	Williamson
13	3037052	1962-05-29	Bortnick
14	3049568	1962-08-14	Apel, et al.
15	3153001	1964-10-13	Apel, et al.
16	3172916	1965-03-09	Wagner
17	3242219	1966-03-22	Farnham
18	3367979	1968-02-06	Harper, et al.
19	3394089	1968-07-23	McNutt, et al.
20	3634341	1972-01-11	Gammill, et al.
21	3651080	1972-03-21	Doebel, et al.
22	3760006	1973-09-18	Gammill, et al.
23	4051079	1977-09-27	Melby
24	4053522	1977-10-11	McClure, et al.
25	4036974	1977-07-19	Walker, et al.
26	4045379	1977-08-30	Kwantes, et al.
27	4059705	1977-11-22	Walker
28	4122048	1978-10-24	Buchwalder, et al.
29	4123542	1978-10-31	Walker
30	4126618	1978-11-21	Winter, et al.
31	4177350	1979-12-04	Zimgibl, et al.
32	4191843	1980-03-04	Kwantes, et al.
33	4239919	1980-12-16	Hairston
34	4308404	1981-12-29	Kwantes, et al.
35	4308405	1981-12-29	Kwantes
36	4315023	1982-02-09	Partyka, et al.
37	4346247	1982-08-24	Faler, et al.

38	4365099	1982-12-21	Faler, et al.
39	4369293	1983-01-18	Heydenreich, et al.
40	4391997	1983-07-05	Mendiratta
41	4396728	1983-08-02	Faler
42	4400555	1983-08-23	Mendiratta
43	4419495	1983-12-06	Davis
44	4423252	1983-12-27	Maki, et al.
45	4424283	1984-01-03	Faler, et al.
46	4478956	1984-10-23	Maki, et al.
47	4496667	1985-01-29	Reichgott, et al.
48	4535084	1985-08-13	Lombardino, et al.
49	4549900	1985-10-29	Kramer, et al.
50	4579857	1986-04-01	Sherlock
51	4579862	1986-04-01	Manley, et al.
52	4584383	1986-04-22	Parhi
53	4584416	1986-04-22	Pressman, et al.
54	4590303	1986-05-20	Mendiratta
55	4595704	1986-06-17	Fazio
56	4675458	1987-06-23	Reimann, et al.
57	4753947	1988-06-28	Dorn, et al.
58	4758573	1988-07-19	Manley, et al.
59	4789745	1988-12-06	Lin
60	4820740	1989-04-11	Li
61	4822923	1989-04-18	Li
62	4825010	1989-04-25	Li
63	4847432	1989-07-11	Faler
64	4859803	1989-08-22	Shaw
65	4895905	1990-01-23	Schneider
66	4912263	1990-03-27	Rudolph, et al.
67	4918245	1990-04-17	Ilmuro, et al.
68	4931594	1990-06-05	Knebel, et al.
69	5021521	1991-06-04	Krabbenhoft, et al.
70	5036073	1991-07-30	Elbe, et al.
71	5073575	1991-12-17	Blanch, et al.
72	5075511	1991-12-24	Li
73	5100460	1992-03-31	Desbordes, et al.

74	5141966	1992-08-25	Porath	0
75	5175167	1992-12-29	Zipperer, et al.	0
76	5212206	1993-05-18	Rudolph, et al.	
77	5233096	1993-08-03	Lundquist	
78	5284981	1994-02-08	Rudolph, et al.	
79	5296609	1994-03-22	McCort, et al.	0
80	5304688	1994-04-19	Bowman, et al.	
81	5315042	1994-05-24	Cipullo, et al.	
82	5395857	1995-03-07	Berg, et al.	
83	5414152	1995-05-09	Cipullo	
84	5463140	1995-10-31	Wehmeyer, et al.	0
85	5436344	1995-07-25	Quallich	
86	5475154	1995-12-12	Lundquist, et al.	
87	5589517	1996-12-31	Sugawara, et al.	
88	5629456	1997-05-13	Yamada, et al.	
89	5608071	1997-03-04	Quallich	0
90	5631338	1997-05-20	Inoue, et al.	
91	5698600	1997-12-16	Wulff, et al.	
92	5700943	1997-12-23	Daines	0
93	5723691	1998-03-03	Cipullo, et al.	
94	5756781	1998-05-26	Sybert, et al.	
95	5723689	1998-03-03	Pressman et al.	
96	5759942	1998-06-02	Tan, et al.	
97	5777180	1998-07-07	June, et al.	
98	5783733	1998-07-21	Kissinger	
99	5785823	1998-07-28	Meurer, et al.	
100	5783733	1998-07-21	Kissinger	

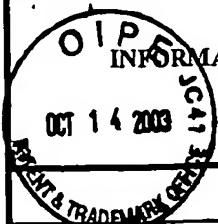
US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20030153792	2003-08-14	Iwahara, et al.	A1		
	2	20030088130	2003-05-08	Webb, et al.			

Signature

Examiner Name	Date
	3/05



INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional) 128553-1	Application Number 10/612,101
Applicant(s) Carvill, et al.	
Filing Date July 1, 2003	Group Art Unit 1621

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>mr</i>		5,087,767	2/11/1992	Okamoto, et al.			
<i>mr</i>		5,302,774	4/12/1994	Berg, et al.			
<i>mr</i>		5,414,151	5/9/1995	Pressman, et al.			
<i>mr</i>		5,428,075	6/27/1995	Pressman, et al.			
<i>mr</i>		5,455,282	10/3/1995	Berg, et al.			
<i>mr</i>		5,648,561	7/15/1997	Tan, et al.			
<i>mr</i>		5,679,312	10/21/1997	Jin, et al.			
<i>mr</i>		6,288,284	9/11/2001	Eek, et al.			
<i>mr</i>		6,414,200	7/2/2002	Spivack, et al.			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>mr</i>	EP 0 856 505	28.01.1998	Europe			<i>No Translation</i>	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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<p style="text-align: center;">O I P INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p style="text-align: center;">APR 01 2004</p> <p style="text-align: center;">PATENT & TRADEMARK OFFICE</p>				Docket Number (Optional) 128553-1		Application Number 10/612,101	
				Applicant(s) Carvill, et al.			
				Filing Date July 1, 2003		Group Art Unit 1621	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>		2004/0019241	1/29/2004	Chiang, et al.			
<i>W</i>		2004/0030196	2/12/2004	Saruwatari, et al.			
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>W</i>	EP 1 371 623 A1	25.02.2002	Europe				
<i>W</i>	WO 2004/013075 A1	12.02.2004	Europe				
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER <i>W</i>				DATE CONSIDERED <i>3/05</i>			
<p>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

<p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p>APR 8 2004</p>		<p>Docket Number (Optional) 128553-1</p> <p>Application Number 10/612,101</p>					
<p>APR 8 2004</p>		<p>Applicant(s) Carvill, et al.</p>					
<p>APR 8 2004</p>		<p>Filing Date July 1, 2003</p>	<p>Group Art Unit 1621</p>				
PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>		5,932,731	8/3/1999	Goda, et al.			
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>[Signature]</i>		JP11179210. Publication Date: 1999-07-06. Ion Exchange Resin and Preparation of Bisphenols Using Same as Catalyst. Abstract Only					
<p>EXAMINER <i>[Signature]</i></p>				DATE CONSIDERED <i>3/05</i>			
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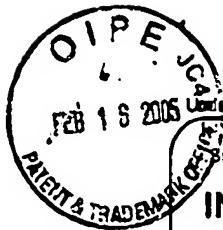
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(use as many sheets as necessary)		Filing Date	July 1, 2003
		First Named Inventor	Carvill, et al.
		Art Unit	1621
		Examiner Name	NYA
Sheet	1	of	2
		Attorney Docket Number	128553-1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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2 of 2

Complete if Known

Application Number	10/612,101
Filing Date	July 1, 2003
First Named Inventor	Carvill, et al.
Art Unit	1621
Examiner Name	NYA
Attorney Docket Number	128553-1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
<i>m</i>		JPS7035533 Publication Date 26-02-82 "Préparation of Bisphenol" (Abstract Only)	
<i>m</i>		FR 2 317 264 Publication Date 04-02-1977. Translation	
<i>m</i>		International Search Report Dated November 22, 2004.	

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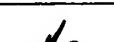
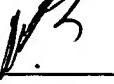
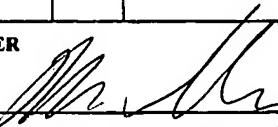
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<p style="text-align: center;">O P E INFORMATION DISCLOSURE CITATION <i>(use several sheets if necessary)</i></p> <p>DEC 2 2 2003</p>		Docket Number (Optional) 128553-1	Application Number 10/612,101
		Applicant(s) Carvill, et al.	
		Filing Date July 1, 2003	Group Art Unit 1621
EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
 25	JP 2000281608. Publication Date 2000-10-10. Abstract and Claims (6 pages)		
	JP 11255748. Publication Date 1999-09-21. Abstract Only (1 page)		
 26	JP 2001317768. Publication Date 2001-11-16. Abstract Only (1 page)		
	JP 2001021604. Publication Date 2001-01-26. Abstract Only (1 page)		
 27	JP 2001054034. Publication Date 2001-02-23. Abstract Only (1 page)		
	JP 2001056471. Publication Date 2001-02-27. Abstract Only (1 page)		
 28	JP 2001064669. Publication Date 2001-03-13. Abstract Only (1 page)		
	JP 2001060201. Publication Date 2001-03-06. Abstract Only (1 page)		
 29	JP 2001064671. Publication Date 2002-12-17. Abstract Only (1 page)		
	JP 05-294875. Publication Date 09.11.1993. Abstract and Claims (5 pages)		
 30	JP 10-218814. Publication Date 18.08.1998. Abstract and Claims (6 pages)		
	JP 11-246458. Publication Date 14.09.1999. Abstract Only (3 pages)		
EXAMINER 	DATE CONSIDERED <i>3/05</i>		

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) 128553-1	Application Number 10/612,101
		Applicant(s) Carvill, et al.	
		Filing Date July 1, 2003	Group Art Unit 1621
EXAMINER Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	JP 99179210. Machine Translation (1999) (13 pages) 37		
	JP 99255748. Machine Translation (1999) (9 pages) 38		
	JP 2002226417. Publication Date 2002-08-14. Abstract Only (1 page) 39		
	JP 2001-286770. Publication Date 16.10.2001. Abstract and Claims (5 pages) 40		
	JP 08-071433. Publication Date 19.03.1996. Abstract and Claims (5 pages) 41		
	JP 10314595. Publication Date 1998-12-02. Abstract and Claims (2 pages) 42		
	JP 10328573. Publication Date 1998-12-15. Abstract and Claims (2 pages) 43		
	JP 10211434. Publication Date 1998-08-11. Abstract and Claims (2 pages) 44		
	JP 5271132. Publication Date 1993-10-19. Abstract and Claims (8 pages) 45		
	JP 8325185. Publication Date 1996-12-10. Abstract and Claims (6 pages) 46		
	JP 11124351. Publication Date 1999-05-11. Abstract and Claims (9 pages) 47		
	JP 8038910. Publication Date 1996-02-13. Abstract and Claims (5 pages) 48		
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